

Eighteenth Year

STEEL ROOFING AND STAMPING WORKS

Manufacturers of

**EMBOSSSED STEEL CEILINGS
GALVANIZED ROOFING *and*
SIDING** FIRE PROOF .. LIGHTNING PROOF
HAIL PROOF AND DURABLE

THE BEST COVERING FOR THE COST IN THE MARKET

also

**METAL GARAGES, SILO ROOFS
GRAIN BINS *and* STOCK WATER
TANKS**

Telephone Walnut 2977

FACTORY AND OFFICE

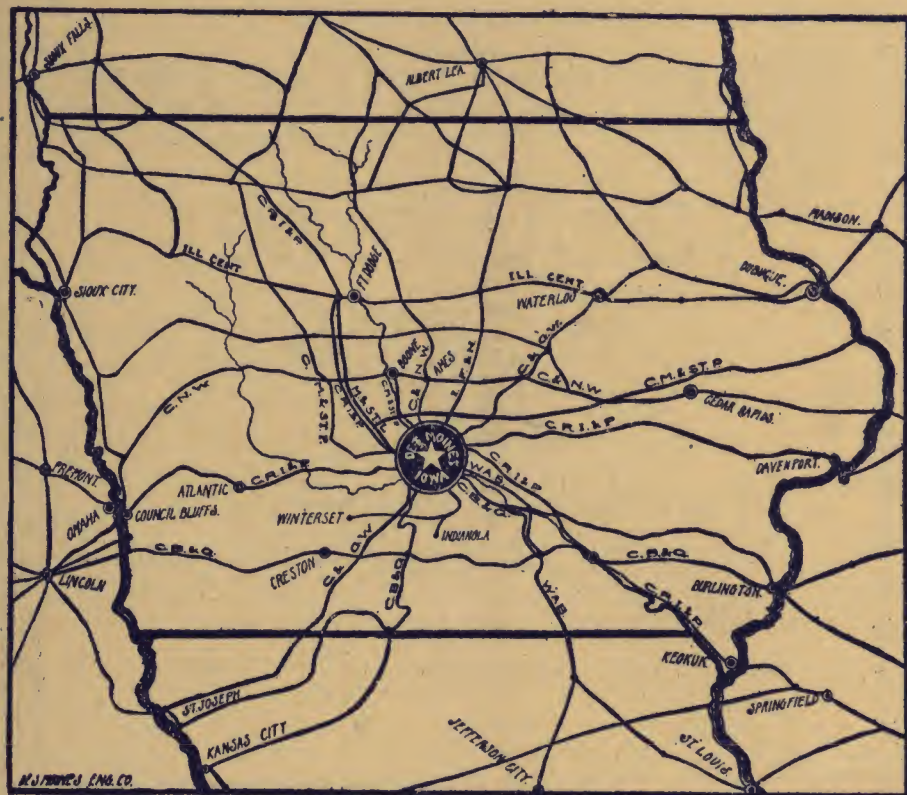
ONE BLOCK SOUTH EAST OF FIFTH STREET BRIDGE

DES MOINES, IOWA

*Box 4/17
1913*

DES MOINES AS A SHIPPING POINT

As the map below will show Des Moines is a great railroad center, in fact one of the best in the west.



Lowest rates of freight and quickest time are made by the following roads which enter Des Moines:

Chicago, Rock Island & Pacific.
Chicago, Burlington & Quincy.
Chicago & North-Western.
Chicago, Milwaukee & St. Paul.

Saint Paul & Kansas City.
Chicago Great Western.
Minneapolis & St. Louis.
The Wabash.

Interurban Electric Lines to Colfax, Perry, Ames, Boone and Fort Dodge.

Also through rates of freight to points on the Missouri Pacific, Atchison, Topeka & Santa Fe, Union Pacific, Great Northern, Northern Pacific, Southern Pacific, Illinois Central, Iowa Central, Etc.

Steel Roofing and Stamping Works

Des Moines, Iowa



W. F. HANSEN }
W. J. SAYRE } Proprietors

MANUFACTURERS OF

EMBOSSED and Plain STEEL CEILINGS, which
are Fire Proof, Cheap, Durable and Easily Kept Clean

ALSO

All forms of GALVANIZED and PAINTED STEEL
ROOFING, Cornice Work, Ventilators, Store Fronts,
Ridge Roll, Stock Water Tanks, Etc.

WRITE FOR PRICES

Roofing Catalog and Samples sent on Request

LOCATION

Our FACTORY AND OFFICE is located One Block Southeast of
FIFTH STREET BRIDGE.

This bridge crosses the Coon River and is about five blocks due South
of the Rock Island Passenger Station.

DIRECTIONS FOR ORDERING.

OUR plan of making itemized estimates on inquiries for ceilings and roofing, has proven very satisfactory to our customers. If a sketch showing the size of the room, for which you wish a steel ceiling, or of the building for which you want steel roofing or siding, is sent to us, with your inquiry, we will be pleased to make up a working plan for the ceiling with a complete estimate of the materials in our line required for the room or building; also an itemized bill showing the cost of same.

Fill out the order blank which we send out with each reply to inquiries and fill in dimensions of your building as per sketch on back of order sheet.

We sell all roofing, siding and ceiling, flat measure, that is, the length and width of sheets before they are formed, stamped or corrugated.

Our price lists show the *cost per sheet* on corrugated roofing and is figured at the same rate as the cost per square.

We believe we carry the largest stock of black and galvanized sheets in the State of Iowa.

We do our own forming, stamping and corrugating and can therefore fill orders very promptly.

TERMS.

1. Our terms are net cash in thirty days, from date of invoice, or one per cent off for cash, if paid within ten days, or two per cent off, if cash is sent with order.

2. Persons not in business, in ordering, should give name of their bank or business firm where they are known, so that we can get information in regard to their credit.

3. If shortage should occur we must be notified as soon as material arrives at its destination.

4. Roofing tongs must be returned within thirty days, freight paid; if not they must be remitted for.

5. All prices and quotations are made for prompt acceptance.

6. We frequently ship goods with sight draft attached to bill of lading, to be collected on delivery.

SHEETS TO FIT BUILDINGS.

One of our specialties is to furnish sheets the right size for any building, so that the user need not cut any sheets. We cut for hip roofs, gables or any shape, when we know the sizes and shapes we make no charge for the time of cutting. This makes it very easy for the purchaser to put roof on.

CORRUGATED ROOFING AND SIDING.



No. 202. Barn partly covered with Corrugated Steel.

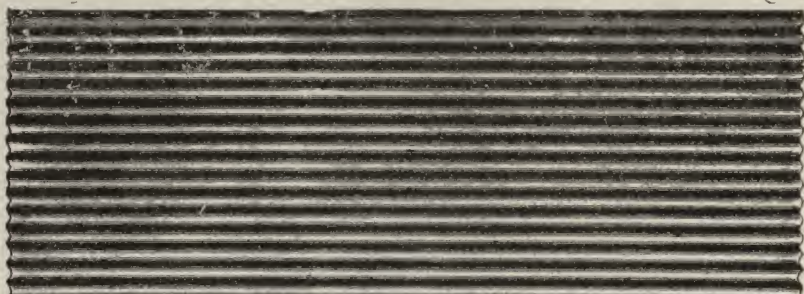
During the past few years there has been a great demand for galvanized corrugated iron, on account of the high price of lumber and shingles and the high price of labor. This Corrugated Roofing can be put on over strips on the rafters. These strips can be as far apart as two feet and makes a good job. The cut of barn above shows this manner of construction.

PUTTING ON CORRUGATED ROOFING AND SIDING.

Of all forms of roofing, the corrugated is most readily put on, so as to make a good job. If it is an old building you wish to cover, you can put it on right over the old shingles, or other forms of roofing, or if a new building, use old lumber to strip across rafters, at a small expense, and nail the corrugated to these strips. For siding the corrugated can be put on upright or across the studding as shown in cut on next page.

We furnish trimmings to finish around doors, windows, at corners, etc. Nail on top of corrugations, using $1\frac{1}{4}$ in. or $1\frac{1}{2}$ in. galvanized nails. When putting over old shingles, use six or eight penny galvanized nails.

GALVANIZED CORRUGATED ROOFING.

No. 13. $1\frac{1}{4}$ inch Corrugations.

This is the best size of corrugation because the sheets are stiffer and it makes tighter joints than large corrugations.

Length of sheets 36 inch, 42 inch, 48, 50, 54, 60, 72, 84, 96, 100, 108, 120, 144 inches. Other lengths cut to order.

All sheets 144 inches long cost 10c per square more than other lengths.

Our galvanized corrugated is made in either gauge 24, 26 or 28. The painted corrugated is made of gauge 27.

We wish to call attention to the fact that we do not sell or handle the so-called "STANDARD GAUGE" which, by a great many firms is represented to be gauge 28, when in fact it is only gauge 29. This, we believe, is entirely too light for outside use.

In order that our customers may have a way of knowing what gauge material they get when they receive their roofing, we publish below a list of what each of the various lengths of sheets should weigh in gauges 28 and 26.

WEIGHT PER SHEET OF GALVANIZED CORRUGATED ROOFING

Length	6ft.	7ft.	8ft.	8ft.4in.	9ft.	10ft.	12ft.
Gauge 28...	10 $\frac{3}{4}$ lbs.	12 $\frac{3}{4}$ lbs.	14 $\frac{1}{2}$ lbs.	15 lbs.	16 $\frac{1}{4}$ lbs.	18lbs.	21 $\frac{3}{4}$ lbs.
Gauge 26...	12 $\frac{1}{2}$ lbs.	14 $\frac{3}{4}$ lbs.	16 $\frac{3}{4}$ lbs.	17 $\frac{1}{2}$ lbs.	18 $\frac{3}{4}$ lbs.	21lbs.	26 lbs.

Each sheet is 28 inches wide before being corrugated and is about 25 $\frac{1}{2}$ inches wide after being corrugated; but covers a surface just 24 inches in width when lapped one corrugation, or about 22 $\frac{1}{2}$ inches when lapped two corrugations.

If the roof is one-quarter pitch or steeper, then one corrugation is enough; but if the roof is flatter than one-quarter pitch, the sheets should be lapped two corrugations.

We make just two sizes of corrugation, $1\frac{1}{4}$ inch and $2\frac{1}{4}$ inch.

DURABILITY.

Under favorable circumstances our corrugated roofing will last from 30 to 40 years and need not be painted for ten to 15 years. Can any other roofing material of like cost be found, that will last so long? It is well known that many parties are selling thin, poor galvanized roofing. Of course such cannot be expected to last or give any satisfaction.

De Witt, Iowa, July 28, 1911.

Steel Roofing & Stamping Works,

Des Moines, Iowa.

Gentlemen: In regard to the galvanized roofing I bought of you, will say that it has been on my barn for over 14 years and looks as good as ever, and has been on the house 12 years and looks to be the same as new. Neither has ever been painted.

Yours truly,

R. E. BENTON.

THE TEST OF TIME.

The use of corrugated iron or steel for roofing and siding is not a fad or fancy. Is not a thing that has a run for a few years and then stops, but for more than forty years the use of corrugated has continued, and today there is more sold and used than ever before. Only one thing can hurt the usefulness of the galvanized corrugated roofing and that is the thin poor sheets sold by unscrupulous dealers.

POINTS OF EXCELLENCE.

This roofing is easily put on, all sheets being the right length, requires less sheathing than shingles, it is durable, it is proof against fire, hail and wind. It is not damaged by the hottest sunshine or the coldest blast of winter. It requires little or no attention, need not be painted for ten to fifteen years.

Hawarden, Iowa, August 10, 1911.

Steel Roofing & Stamping Works,

Des Moines, Iowa.

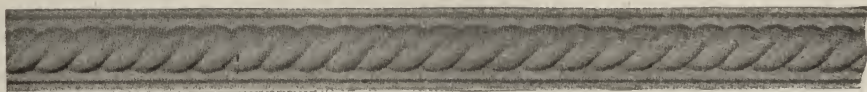
Dear Sirs: The 8,000 feet of Galvanized Corrugated Roofing I ordered from you some years ago is giving first class service. I want you to quote prices on Ventilators No. 37 and 38.

When I want more roofing, will get it from you.

Yours truly,

EDWIN OLSON.

EMBOSSSED STEEL CEILINGS.



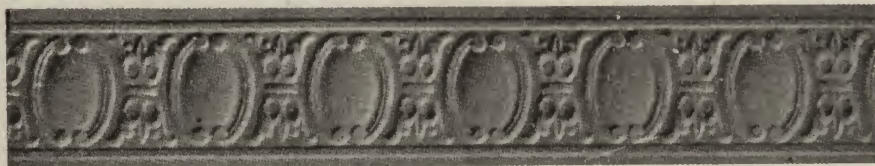
No. 132. Moulding, $3\frac{1}{2}$ in. wide, 48 in. long.



No. 133. Moulding, $2\frac{1}{2}$ in. wide, 48 in. long.



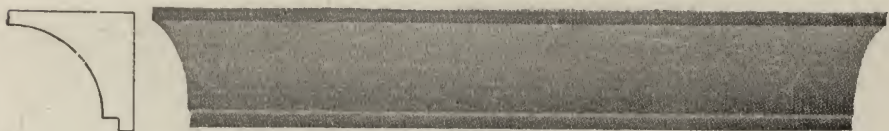
No. 138. Egg and Dart Moulding. 3 in. wide, 48 in. long.



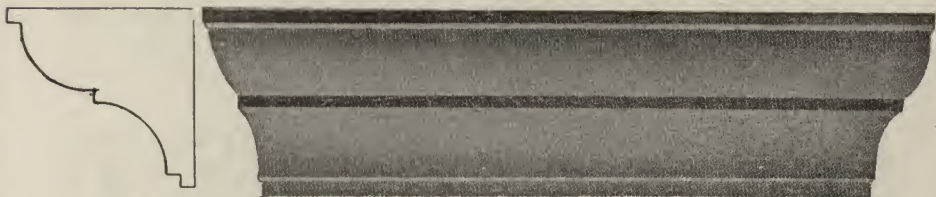
No. 135. Moulding, 5 in. wide, 48 in. long.



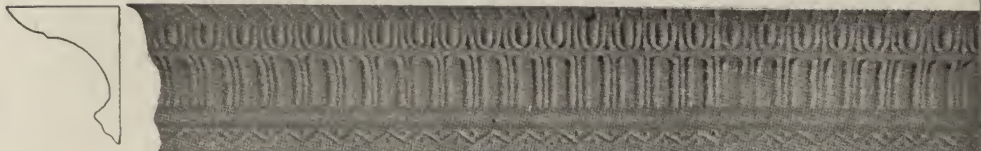
No. 139. Ceiling Cornice, 10 inches high, 9 inches projection.

EMBOSSED STEEL CEILINGS.

No. 130. Ceiling Cornice or Cove Moulding.
Sizes 4x4, 6x8, 8x10 in., or any special size.



No. 131. Ceiling Cornice. Size 6x8, 8x10, or any special size.



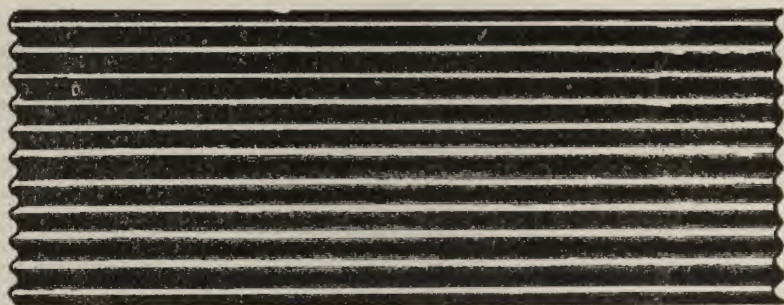
No. 134. Corner Moulding or Cornice, 7 in. high, 5 in. projection.



No. 137. Ceiling Cornice. 12 in. high, 8 in. projection.

Corner Moulding or Cornice is made in sections 4 feet long. Wood Brackets are furnished to fit behind mouldings at joints. Mitres for the corners are made solid, so that cornice is easily put on. *See page 15.*

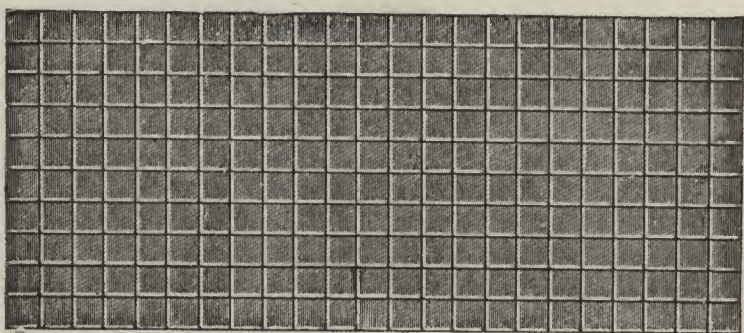
STEEL CEILINGS.



No. 13A. $1\frac{1}{4}$ in. Corrugated Ceiling. Sheets 97 in. long.



No. 19. Beaded—2 in. Sheets $24\frac{1}{2}$ in. wide and 97 in. long.

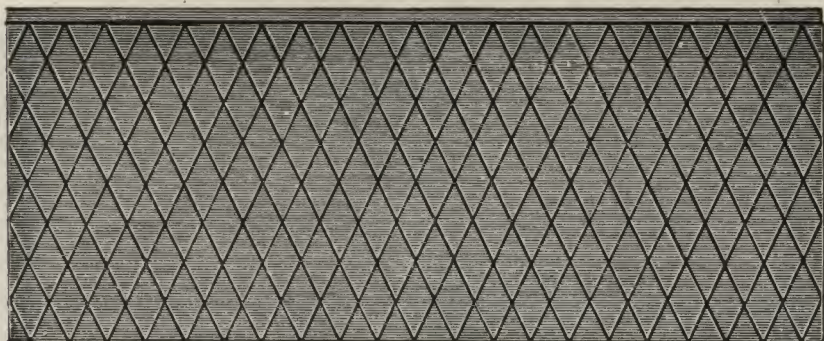


No. 16. Rectangle.

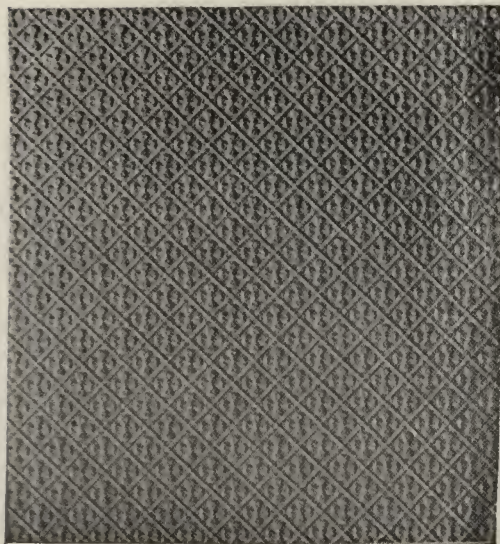
This form is well adapted to side walls. Sheets $24\frac{1}{2}$ in. wide and 48 in. long.

The above cuts represent some of our Steel Ceilings which are used for store rooms, halls, and in fact all kinds of buildings. Any of them can be put on over old plaster.

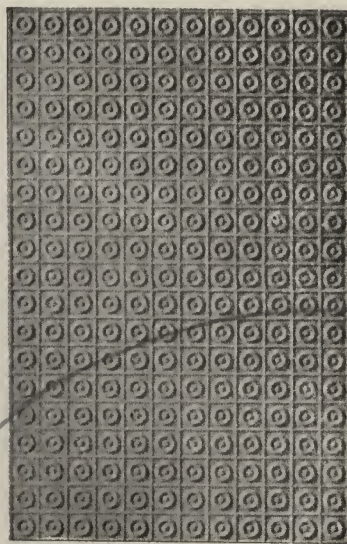
STEEL CEILINGS.



No. 18. Diamond. Sheets $24\frac{1}{2} \times 48\frac{1}{2}$ in.



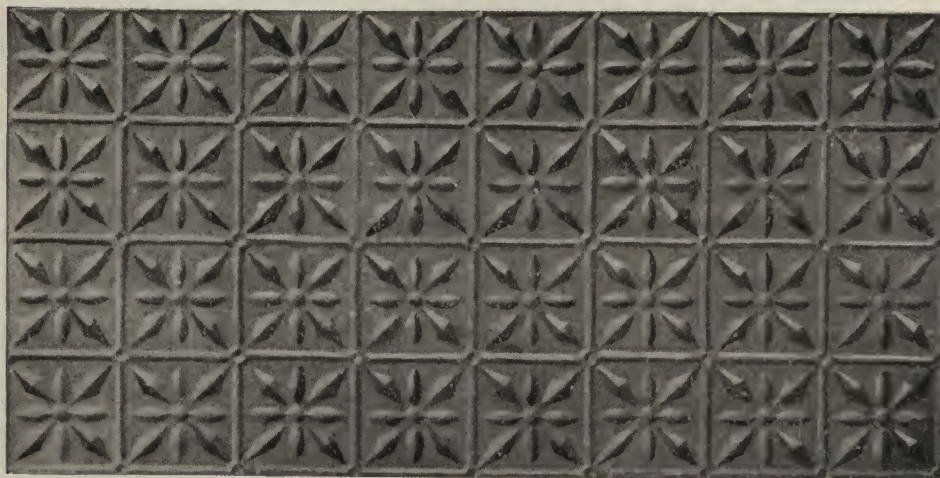
No. 117. Filler.



No. 24. Ceiling or Filler.

A filler sheet is used between the body of the ceiling and cornice and is made in a small pattern so that any width strip can be cut to fill required space.

EMBOSSED STEEL CEILINGS.



No. 21. Sheet $24\frac{1}{2}$ in. wide by $48\frac{1}{2}$ in. long.

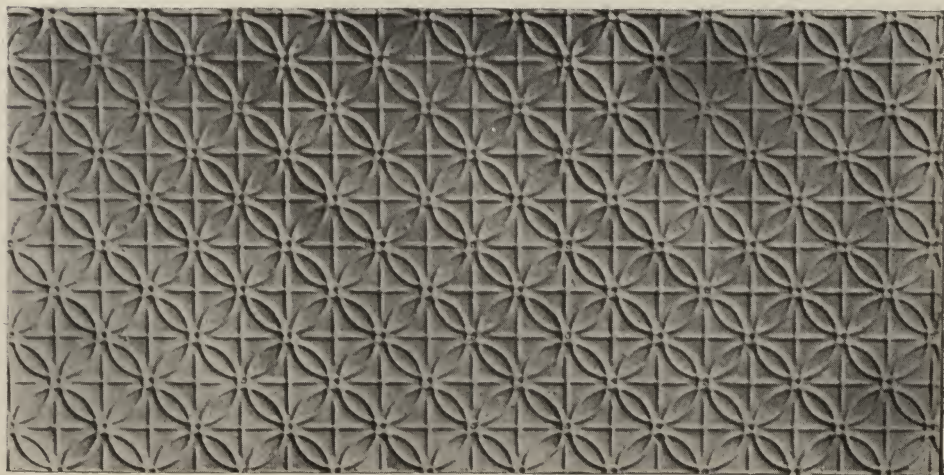


No. 22. Sheet $24\frac{1}{2} \times 48\frac{1}{2}$ inches, covering 24×48 inches.

EMBOSSED STEEL CEILINGS.



No. 23. Sheet $24\frac{1}{2} \times 48\frac{1}{2}$ inches, covering 24×48 inches.
These cuts are made from photographs of the sheets.



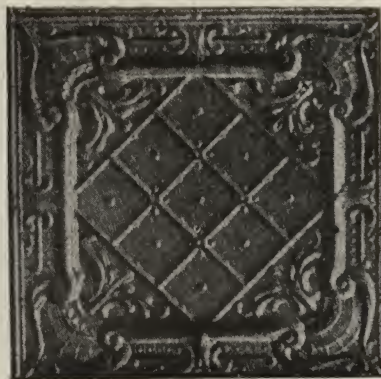
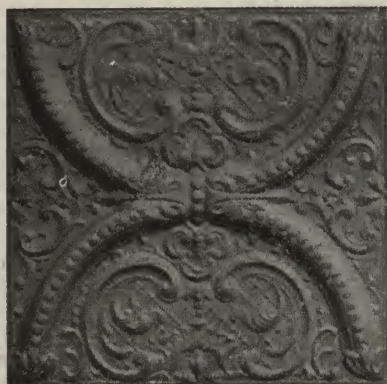
No. 25. Sheet $24\frac{1}{2} \times 48\frac{1}{2}$ in., covering 24×48 inches.

Wood strips for putting on metal ceilings should be about $1\frac{3}{4}$ in. wide. We can furnish strips at a reasonable price if they are specified.

EMBOSSED STEEL CEILINGS.



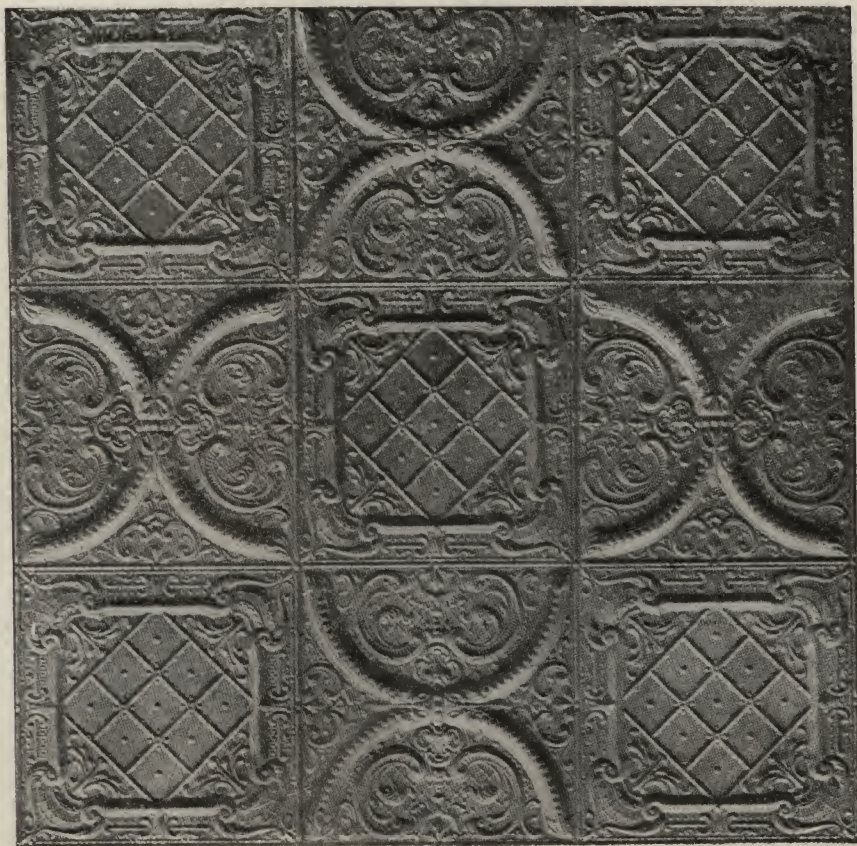
No. 114. Sheet $24\frac{1}{2} \times 48\frac{1}{2}$ in., covering 24x48 inches.



No. 104. Plate covering 24x24 in. No. 105. Plate covering 24x24 in.

We have excellent facilities for stamping, and we are pleased to furnish samples of our work, for comparison with others in our line.

EMBOSSSED STEEL CEILINGS.



No. 106.

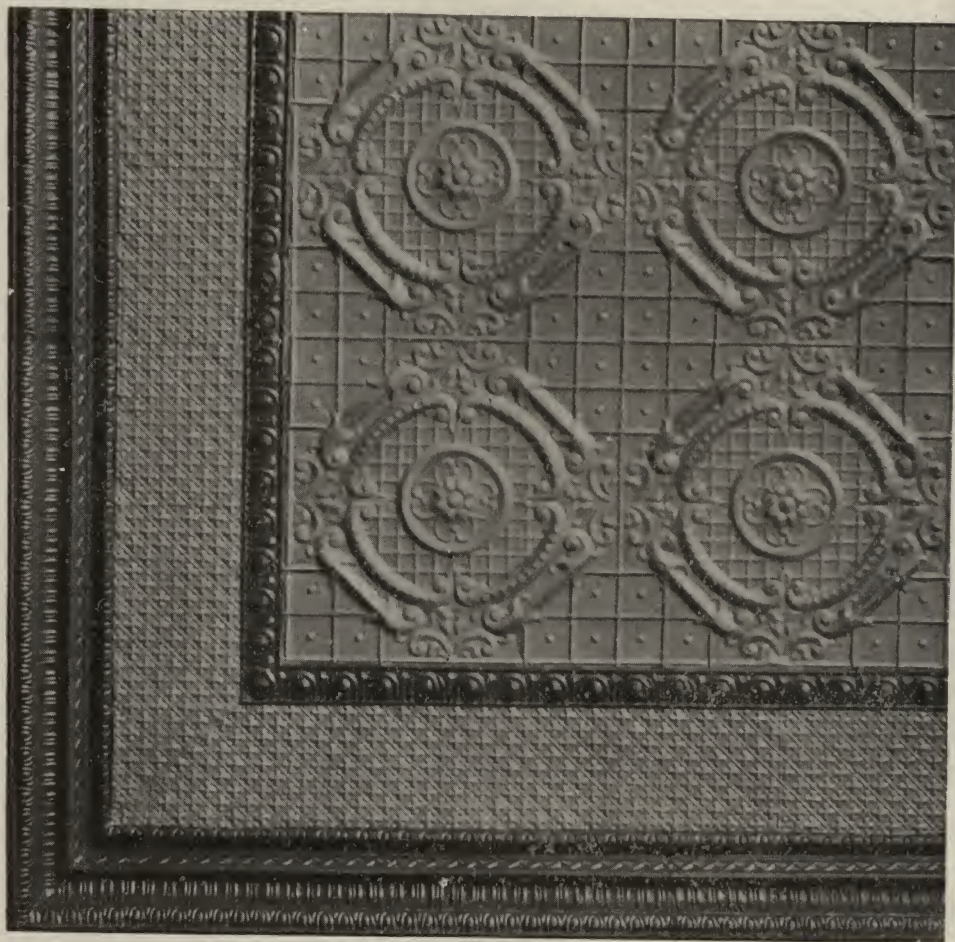
EMBOSSSED COMBINATION PATTERN.

Above cut shows section 6 ft. square, composed of Nos. 104 and 105. Many other combinations can be made with same numbers. Send us size and drawing of room and we will suggest design and pattern.

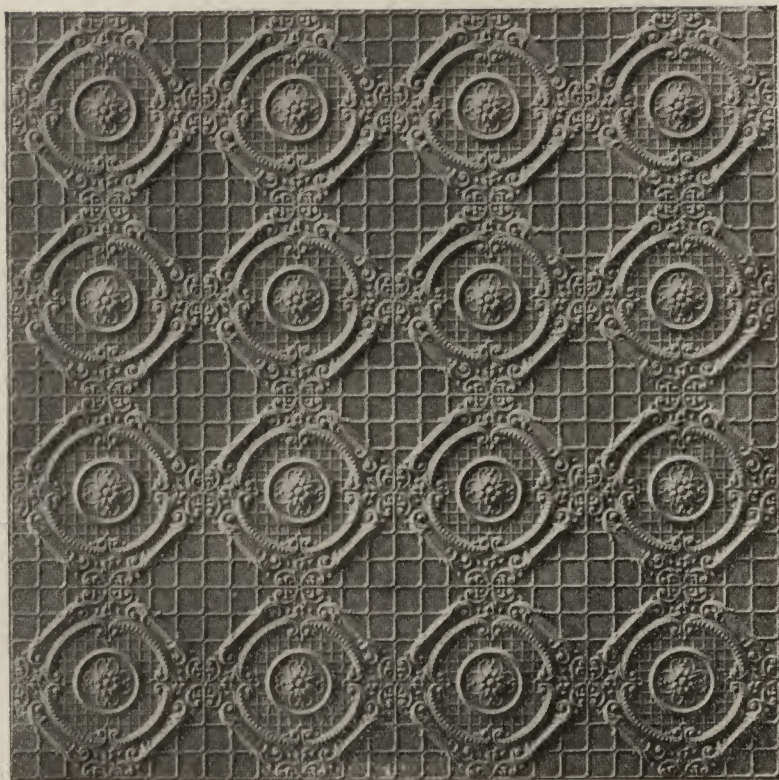
In case width of room does not divide even by two feet after cornice is taken out, a strip of filler is used between the cornice and body of ceiling. Patterns Nos. 24, 25 and 117 are used for this purpose.

The plates in the above pattern are trimmed in square shears after being stamped, making them easier to put on and a much better job.

EMBOSSED STEEL CEILINGS.



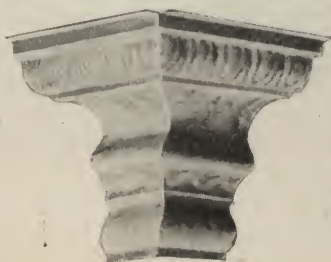
No. 119. Combination pattern with No. 109 body, No. 138 mould, No. 117 filler and No. 134 cornice.



No. 109. The above cut shows section of ceiling 8x8 feet composed of plates 24x24 in. This pattern is made up with any cornice or moulding desired.

CORNICE MITERS.

We furnish solid mitered corners for ceiling cornice, also a solid mitered piece to fit around chimneys. These mitered pieces save the workmen a great deal of time and enable them to make a better job.

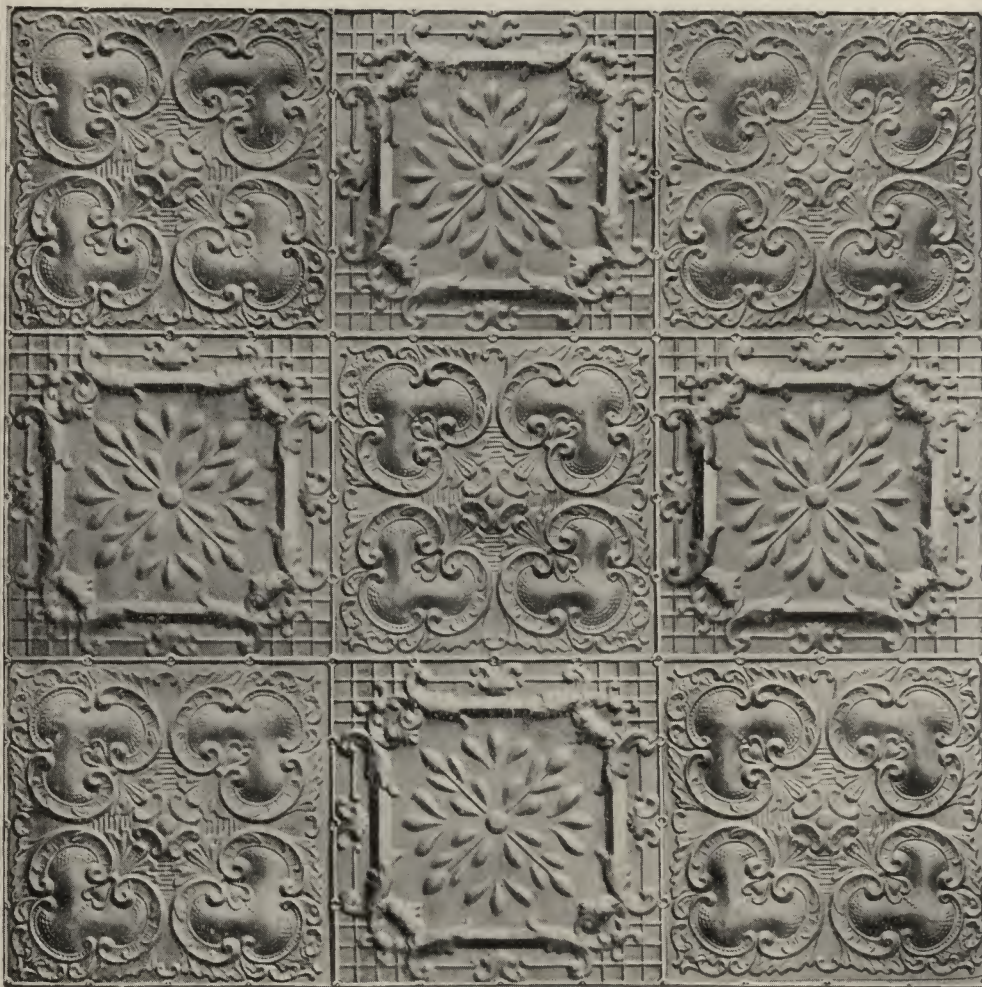


No. 141.
Cornice miter for outside
corner of room.



No. 140. Miter
for inside corner.

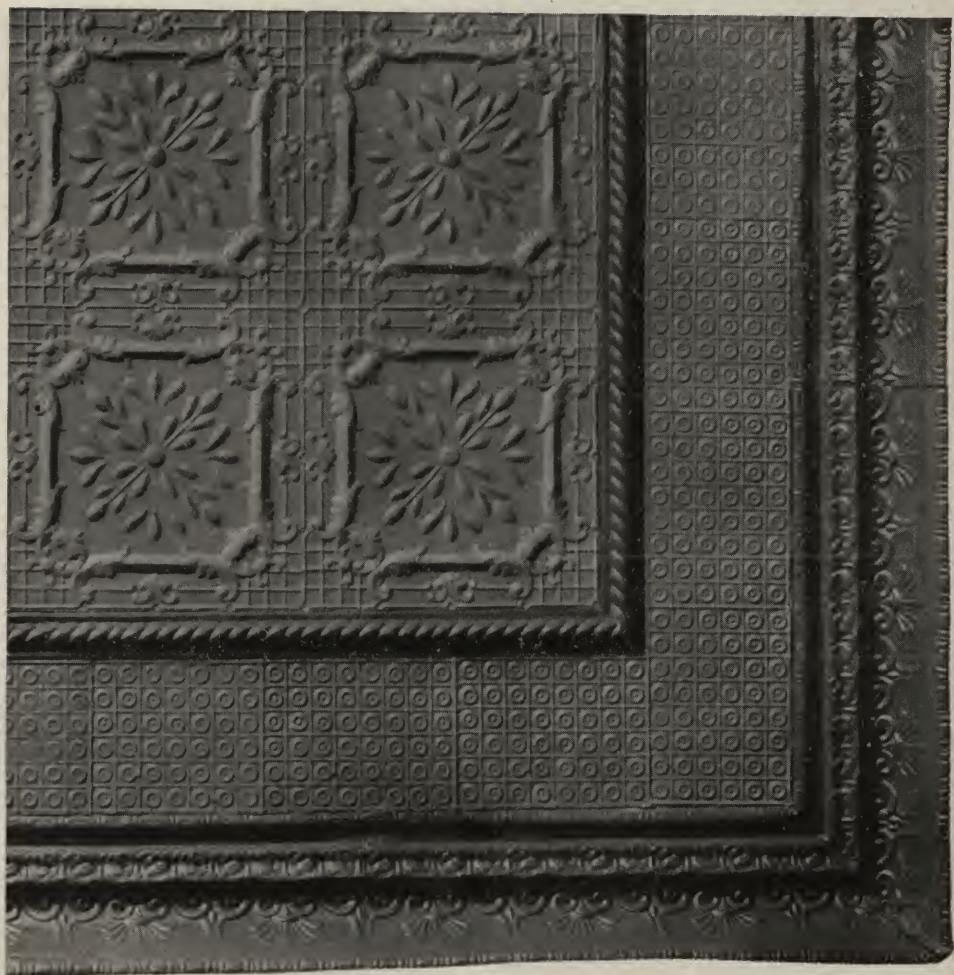
EMBOSSED STEEL CEILINGS.



No. 122.

Combination pattern composed of plates Nos. 20 and 142. This makes a fine ceiling body. Can be finished with any mould filler and cornice.

EMBOSSSED STEEL CEILINGS.



No. 118. Combination Pattern.

Showing corner of room, with No. 20 body, No. 132 moulding, No. 24 filler and No. 137 cornice.

EMBOSSED STEEL CEILINGS.



No. 107. Composed of plate No. 104, rope mould No. 132 and cornice mould No. 134. We furnish drawings for full ceiling patterns.



No. 109. Plate covering 24x24 in.



No. 20. Plate covering 24x24 in.

EMBOSSED STEEL CEILINGS.



No. 115. Plate covering 24x24 inches.



No. 116. Plate covering 24x24 inches.

EMBOSSED STEEL CEILINGS.

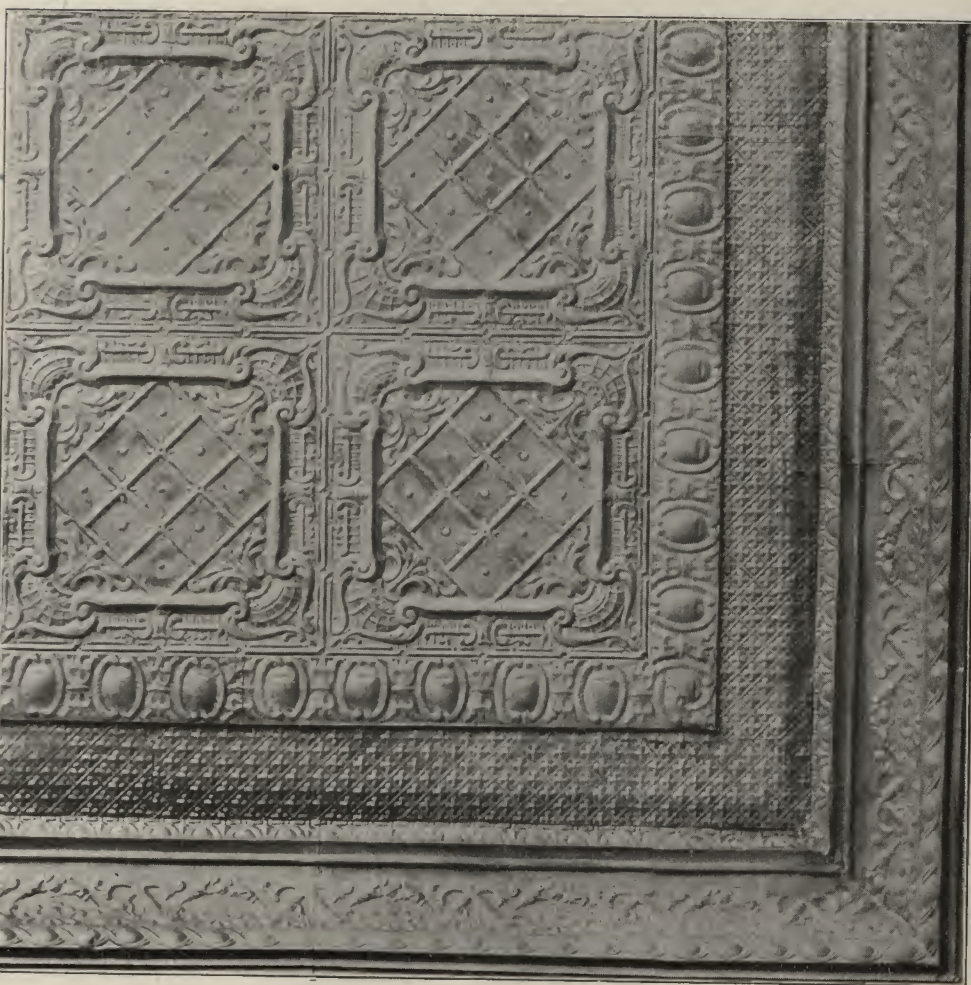


No. 143. Plate covering 16x16 inches.

Accurately stamped and trimmed and having a patent clip.

This plate was made this size for the express purpose of nailing it direct to the joists, instead of using wood strips as commonly done. This saves time and wood strips, which together would cost from \$1.50 to \$2.00 a square. It is also made in sheets covering 16x48 inches. To prevent the plates from opening at seams, between the joists, a patent clip is riveted to one side of each plate which holds the plates together and makes a neat job.

EMBOSSSED STEEL CEILINGS.



No. 120.

Showing corner of room with body No. 105, mould No. 135, filler No. 117, and cornice No. 139.

EMBOSSED STEEL CEILINGS.



No. 121.

Combination pattern composed of plates No. 115 and No. 116 with mould No. 133. This pattern when finished up with filler and cornice makes a very handsome ceiling.

EMBOSSSED STEEL CEILINGS.



No. 144. Plate covers 24x24 in.

This is a new and very attractive pattern. It is to be used for the body of a ceiling with any of the mouldings, cornices and filler.

It can also be used in combination with pattern No. 145.

Complete directions for putting on our steel ceilings will be found in our ceiling supplement which is sent to all persons inquiring for steel ceilings.

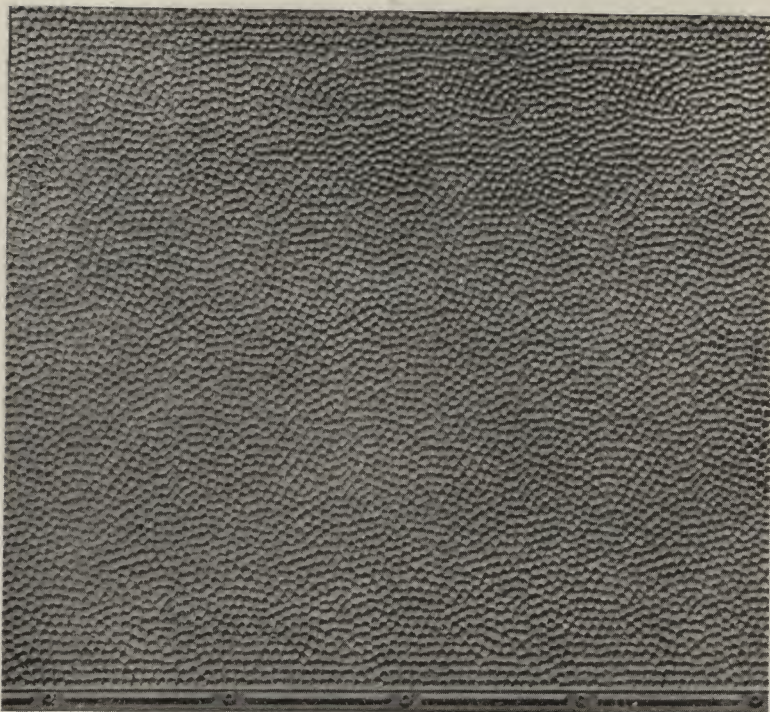
EMBOSSED STEEL CEILINGS.



No. 145. Plate covers 24x24 in.

This is a very handsome pattern, whether used alone or in combination with No. 144. Any cornice, filler and moulding can be used with this pattern.

EMBOSSED STEEL CEILINGS.



No. 146. Filler Sheet.

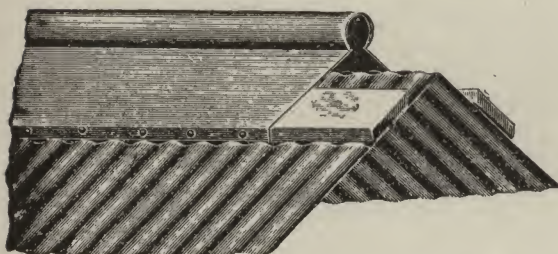
This pattern can be cut any width to fill required space.



No. 147. Ceiling Cornice.

Height on side wall, 13½ in., projection on ceiling, 6½ in.

RIDGE ROLL.



Ridge Roll.

No. 15. Roll Cap with Corrugated Wood Strips.

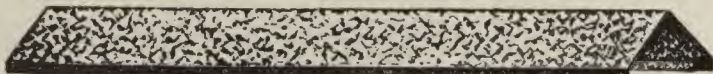


Hip Roll.



Ridge Roll.

Size of Roll.	Sheet.	Apron.	Size of Roll.	Sheet.	Apron.
1½ in.	8 in.	2 in.	2½ in.	12 in.	3 in.
2 in.	10 in.	2½ in.	3 in.	14 in.	3½ in.



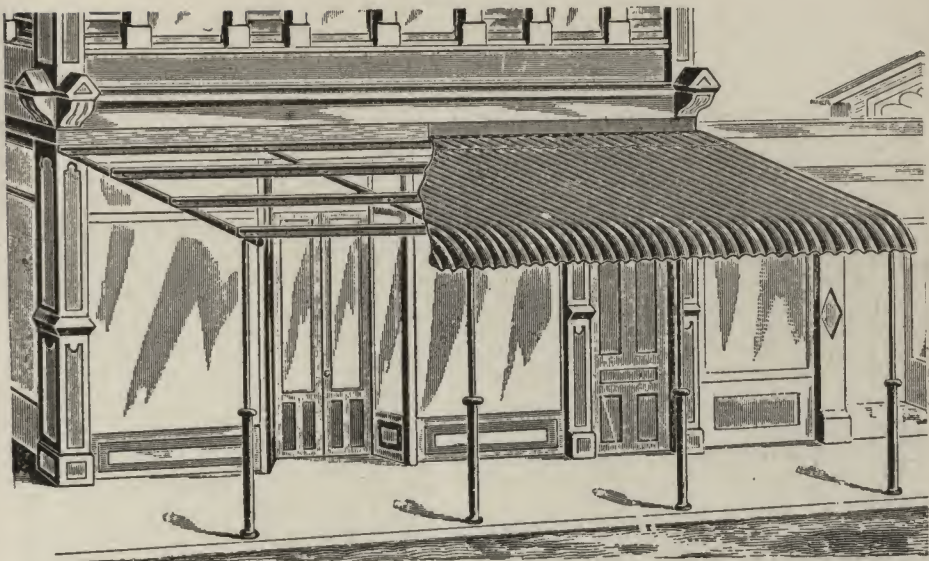
NO. 110 GALVANIZED V RIDGE CAP.

Width Sheet.	Apron on each side	Width Sheet.	Apron on each side
7 in.	3½ in.	10 in.	5 in.
8 in.	4 in.	12 in.	6 in.
9 in.	4½ in.	14 in.	7 in.

When used with corrugated roofing a corrugated wood strip may be put under edge of ridge cap which makes a tight joint as shown in cut at upper left hand corner; or the apron may be hammered down into the corrugations and nailed, which would also make a good tight lap.

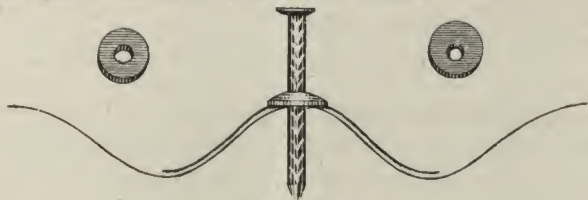
RIDGE ROLL FOR A SHINGLE ROOF.

We make ridge roll for shingles, as shown in cut of hip roll above except we crimp the edges a little for shingles.



We make STEEL AWNINGS with iron rafters, purlins and pipe posts; or self-supporting iron brackets.

These awnings are becoming more popular every year as they cost about the same as a canvas awning and will last five times as long. We curve the galvanized corrugated roofing sheets.



No. 203.

Lead Washers. We advise the use of lead washers, as shown in cut No. 203, where an extra good job is desired. It takes about one-fourth of a pound of washers and one-half pound of nails to a square of corrugated.

If roof has a quarter pitch or more, then lap the sheets or corrugation on the side, or if your roof is flat, as on sheds, it would make a better job to lap the sides of the sheets two corrugations. The ends of the sheets should lap from three to four inches, depending very much on the pitch of the roof. In nailing on the roofing, drive a nail across the end, every two or three corrugations, and up the side of the sheet, about every foot. Then a few nails should be driven across the roofing at intervals of two or three feet so as to hold the roofing firmly down to the sheathing. The less nails used, the better, providing you have enough to hold the sheet securely.

Corrugations cannot be bent over the ridge nor down at the eave as they are very stiff.

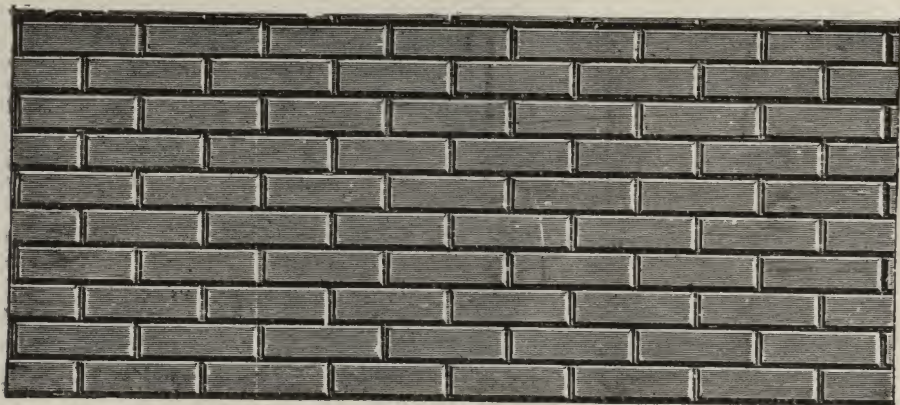
A ridge cap of some kind must be used on all gable roofs.

GALVANIZED STEEL SIDING.

A solid brick wall eight inches thick costs \$20.00 to \$30.00 per hundred square feet, face measure.

A 4-inch veneered brick wall costs for the veneering alone from \$12.00 to \$15.00 per square.

A brick wall also requires a more expensive foundation than a lighter building.



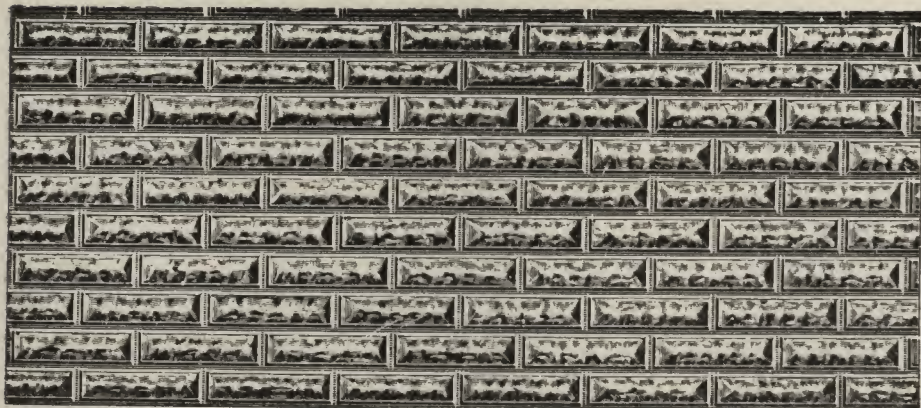
No. 3. Brick Siding.

Painted or Galvanized. Size of brick, $2\frac{1}{2} \times 8\frac{1}{2}$ in.

Sheets 24x96 inches.

CHIPPED BRICK SIDING.

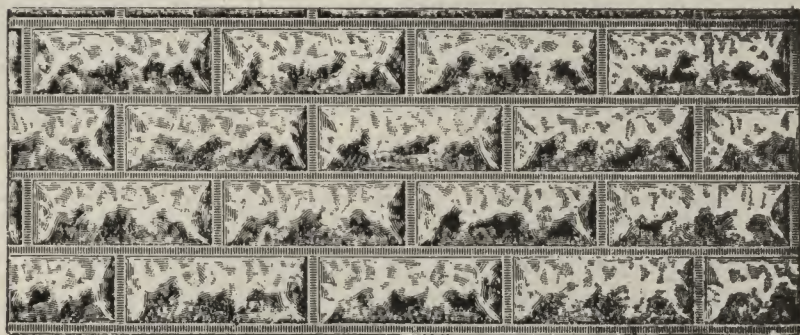
This is one of the best forms of Metal Siding.



No. 4. Sheets 24x96 in. Brick $2\frac{1}{2} \times 8\frac{1}{2}$ in.

Chipped brick siding No. 4, as shown above, makes a very handsome front for a store building. Pilaster No. 37 or pilaster of some form made of No. 3 or 5 should be used to finish corners of buildings.

ROUGH DRESSED STONE SIDING.
Painted or Galvanized.



No. 5. Sheets 28x84 in. and 28x96 in. Stone $6\frac{3}{4} \times 13\frac{1}{2}$ in.

Stone siding No. 5 is used for fronts; also for foundations and entire buildings. It is made of painted or galvanized sheets.

V CRIMP ROOFING.

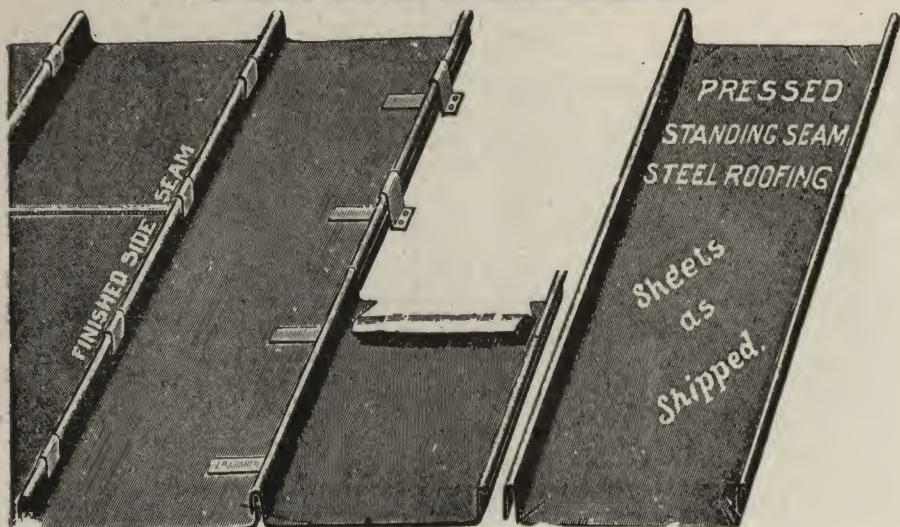


No. 11. V crimp roofing painted or galvanized.

Made in any length up to 10 feet and furnished with wood strips. Ends of sheets should be locked together same as No. 9, on page 8 of catalog. If the ends are lapped over and nailed, as commonly done, this form of roofing will leak.

In cases where rafters are not over 10 feet long, this form of roofing can be very readily put on and will make a good job, but we would recommend the use of lead washers where the nails are driven through the roofing. By this means a tight job can be made. The lead washers also prevent rusting around the nail holes.

READY MADE STANDING SEAM



No. 9. Painted or Galvanized Steel.

The side seams are turned in our factory, as shown at the right of figure above. It is much more easily put on than the roll roofing and is used for any roof having a pitch of four inches to the foot or over, or for roofs that are too flat for a shingle or corrugated roofing.

To lock ends of sheets, cut in three-quarters of an inch, as shown in cut above, and with folder turn a lock. Lock ends together and pound down tight.

Never drive nails through a metal roof except the corrugated roofing.

Start next course with piece of sheet and continue to lock on as above.

TOOLS. If you do not have tools for drawing up the seams and clamping them together, kindly mention the fact when you order this kind of roofing and we will send you a pair of cap squeezers for which we will charge you \$1.50. If you return them to us promptly, "FREIGHT PREPAID," we will allow you full credit for same.

At ridge of gable roof cut the standing seam and bend sheet down on opposite side. When this is done it is not necessary to use a ridge cap. Put building paper of some kind under all metal roofing. It is not necessary for sheets to be the length of roof.

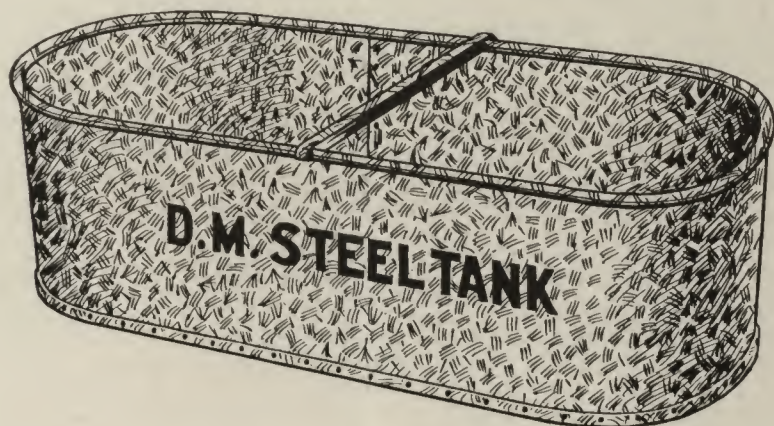
NEW FORM OF END LOCK.

The end lock shown above has been used for many years, but has not always been a success. We have invented a new lock that is a great improvement. At the ends of sheets, flatten out the standing seam about six inches, then with tools turn a lock entirely across the sheet and lock ends of sheets together, then turn the standing seam back to the upright position and pound flat part tight.

GALVANIZED TANKS FOR STOCK WATER AND STORAGE.

Our stock water tanks are made of heavy material, well braced, rimmed and soldered and gives the very best satisfaction. We give below the most common sizes. Any other size made to order at a reasonable price.

These tanks are far superior to wood tanks that shrink, swell and leak. Steel tanks are very durable and our price is low.

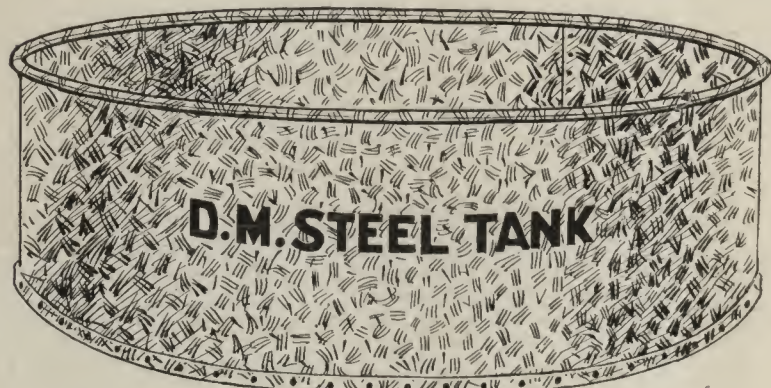


ROUND END STOCK, WATER AND STORAGE TANKS.

These tanks are made of gauge 20 best galvanized steel. If gauge 18 is wanted, add 20 per cent; if gauge 16, add 40 per cent to prices below.

No.	Width Feet	Height Feet	Length Feet	Capacity Bbls.	Approx. Wt. Lbs.	Net Price
101	2	2	4	3 $\frac{3}{4}$	70	\$ 4.20
102	2	2	5	4 $\frac{3}{4}$	86	5.05
103	2	2	6	5 $\frac{3}{4}$	103	5.90
111	3	2	8	11 $\frac{1}{2}$	152	9.35
113	3	2 $\frac{1}{2}$	8	14	166	10.80
116	4	2	8	15	173	10.80
117	4	2	10	19	210	13.10
129	6	2	8	23 $\frac{1}{2}$	240	13.95
130	6	2	10	28 $\frac{1}{2}$	285	16.80
131	6	2	16	45	490	25.45

ROUND STOCK, WATER AND STORAGE TANKS.



These circular tanks are made in the same substantial manner stated in regard to the oval tanks. Made of gauge 20 best galvanized steel. If gauge 18 is wanted, add 20 per cent; if gauge 16, add 40 per cent.

No.	Diameter Feet	Height Feet	Capacity Feet	Approx. Wt. Lbs.	Net Price
1	3	2	3½	75	\$ 4.10
2	4	2	6	97	5.60
3	4	2½	7	112	6.00
4	4	3	9	130	6.80
9	5	2	9½	135	6.65
10	5	2½	12	150	7.65
11	5	3	14	170	8.70
17	6	2	14	170	8.50
18	6	2½	17	180	9.75
19	6	3	20	200	11.10
20	6	4	27	255	14.50
21½	7	2	20	217	10.75
22	8	2	24	265	14.00
23	8	2½	30	290	15.50
24	10	2	37½	375	19.50
25	10	2½	46	410	21.50

Any of the above tanks can be shipped in a box car set up ready for use, excepting Nos. 22, 23, 24 and 25, which are shipped knocked down.

BATTENS FOR BARN BOARDS.

To be used instead of the common wood battens on barns. We make a batten of galvanized iron, which we believe is far superior and costs less. These are made oval with a nailing flange on each side. They will not decay and come off, are more easily painted, and in general make a better job at less cost. These battens are a great protection against lightning. Let us send you a small sample by mail.

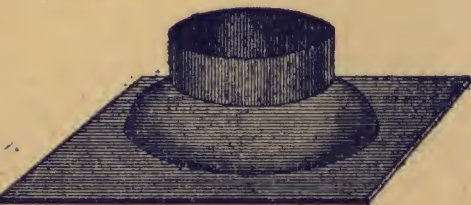


HEAVY IRON PIPE.

No. 165. Heavy iron pipe, which fits on the cast iron base, No. 164. This pipe is 8 inches in diameter and made in lengths to suit customer. Usually 4 to 6 feet. Write for prices.

THE LASTING CHIMNEY TOP.

This cut shows cast iron base for chimney top. A pipe of heavy wrought iron of length to suit is put on top of this. Size of pipe 8 inches in diameter. For kitchen chimneys and others that smoke this arrangement is the cheapest and most satisfactory.



No. 164. Cast Iron Base, 14½ in. by 14½ in. for Chimney Top.



No. 230.

Galvanized covering for barn door track. Any size desired.

WEIGHTS AND GAUGES OF STEEL SHEETS.

U. S. Standard Gauge for Uncoated or Black Sheets

Gauge	Thickness in fractions of an inch	Weight per square foot in ounces
16	1-16 th	40
17	9-160 "	36
18	1-20 "	32
19	7-160 "	28
20	3-80 "	24
21	11-320 "	22
22	1-32 "	20
23	9-320 "	18
24	1-40 "	16
25	7-320 "	14
26	3-160 "	12
27	11-640 "	11
28	1-64 "	10
29	9-640 "	9
30	1-80 "	8

GAUGES AND WEIGHTS OF GALVANIZED SHEETS.

Gauge	Wt. per Sq. Ft. Flat.	Gauge	Wt. per Sq. Ft. Flat.
16	42½ oz.	26	14½ oz.
18	34½ oz.	28	12½ oz.
20	26½ oz.	29	11½ oz.
22	22½ oz.	30	10½ oz.
24	18½ oz.		

There is a strong tendency, with dealers, to furnish thin sheets. We never have done this and think it is bad for the customer and in the end bad for the dealer. Heavy sheets are the most durable and most satisfactory.

The above table is published here for this purpose—In case a customer thinks the roofing or siding he has bought is not the right weight, he can cut out a square foot flat and weigh it and compare it with the above table which will show whether it is the gauge bought or not. Mills do not claim all sheets weigh exactly true to the gauge weight, but very nearly.